

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	)	
	)	
Andreas Mühe	)	Art Unit: Unassigned
	)	
Application No. Unassigned	)	Examiner: Unassigned
	)	
Filing Date: Concurrently	)	Confirmation No. Unassigned
	)	
For: CRYSTAL-GROWING FURNACE, IN	)	
PARTICULAR A VERTICAL	)	
BRIDGMAN CRYSTAL-GROWING	)	
FURNACE OR A VERTICAL GRADIENT	)	
FREEZE CRYSTAL-GROWING	)	
FURNACE HAVING A JACKET	)	
HEATER AND A METHOD OF	)	
REGULATING THE HEAT OUTPUT OF	)	
THE JACKET HEATER	)	

**PRELIMINARY AMENDMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.  
Customer No. 23859

Sir:

Prior to the issuance of an Office Action pertaining to the above-referenced patent application, filed simultaneously herewith, please enter the following preliminary amendment in the application, and consider the following remarks.

This Amendment is submitted in the form authorized by the PTO Notice "Amendment in a Revised Form Now Permitted" and pursuant to the waiver of 37 C.F.R. § 1.121 contained therein.